

What is claimed is:

1. A midsole structure for an athletic shoe comprising:

5 a midsole formed of a soft elastic material;
and

a wavy plate assembly disposed at said midsole;
wherein said wavy plate assembly is composed
of a wavy board disposed on a lower surface of said midsole
10 and a sidewall member that is provided discretely from said
wavy board and that includes a wavy bottom portion overlapping
said wavy board and an upraised portion extending upwardly
from said wavy bottom portion to face a side surface of said
midsole.

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2. A midsole structure of claim 1, wherein
said wavy bottom portion is disposed under said wavy board
to support a lower surface of said wavy board.

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3. A midsole structure of claim 1, wherein
said midsole structure further includes a second midsole,
which is disposed under said first midsole, and said wavy
plate assembly is interposed between said first and second
midsole.

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4. A midsole structure of claim 3 further comprising a second wavy board interposed between said first and second midsole, said second wavy board being disposed under said wavy plate assembly.

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5. A midsole structure of claim 1, wherein said sidewall member is provided on one side of opposite ends of said wavy board and on the other side of the opposite ends of said wavy board, an upraised portion is integrally formed with said wavy board.

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6. A midsole structure of claim 1, wherein said sidewall member is composed of a pair of sidewall members each disposed on opposite sides of said wavy board.

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7. A midsole structure of claim 3, wherein said sidewall member include a downwardly extending portion that faces a side surface of said second midsole.

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8. A midsole structure of claim 1, wherein said sidewall member is formed of a different material than the wavy board.

9. A midsole structure of claim 1, wherein said upraised portion of said sidewall member is adapted to

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engage a strap that wraps around an upper of the shoe.

10. A midsole structure of claim 9, wherein
said strap wraps around a heel rear end portion of said upper.

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11. A midsole structure of claim 9, wherein
said strap wraps around an instep portion of said upper.

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